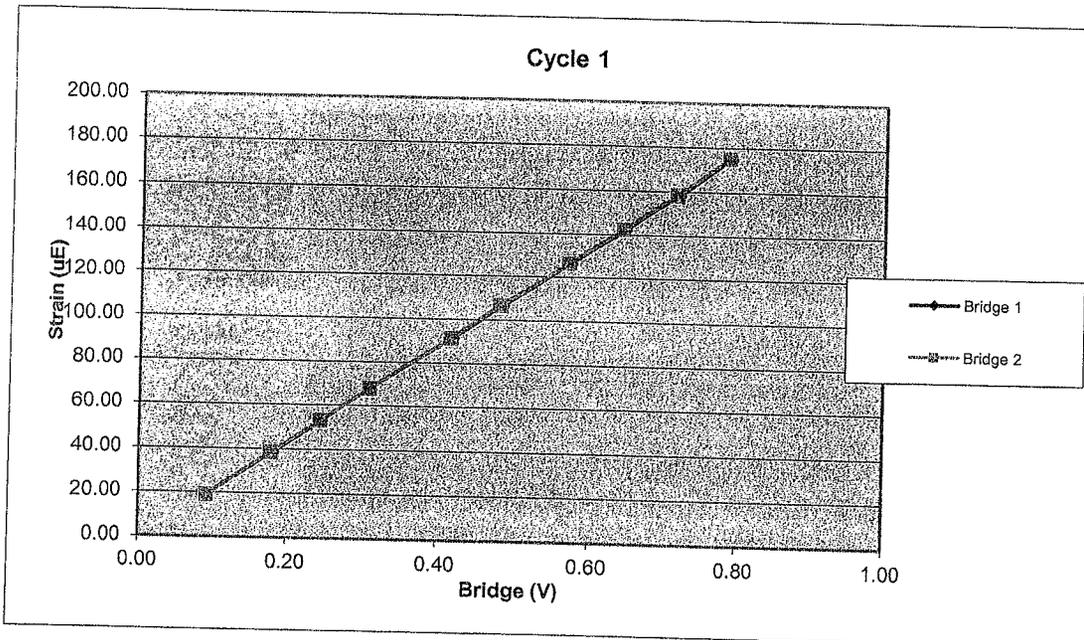
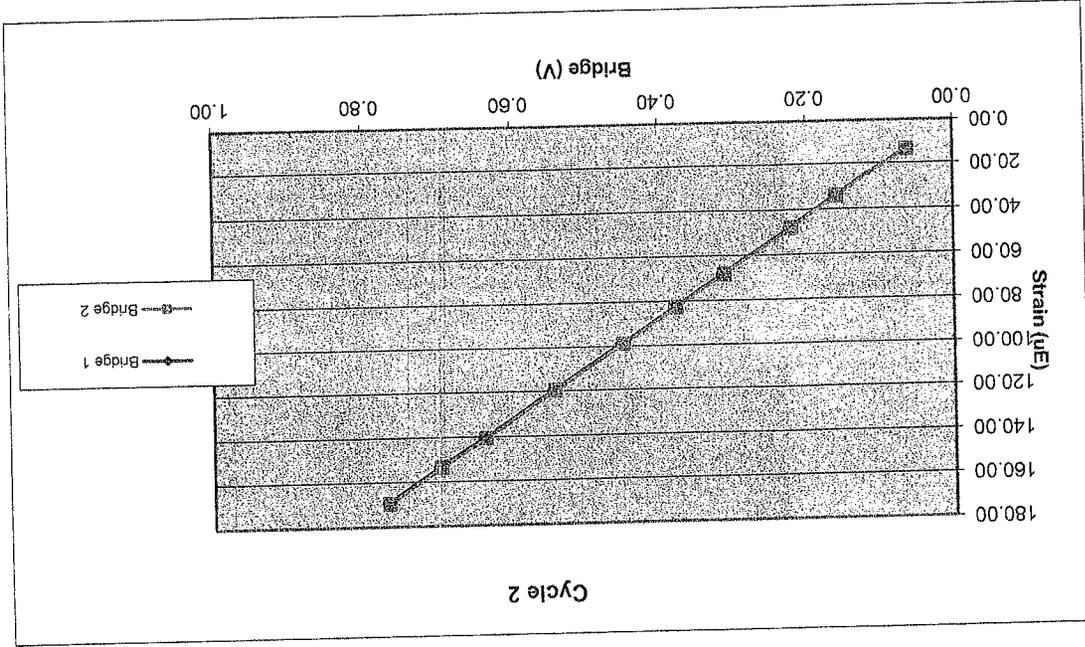


687BW		Cycle 1		
Sample	Force (lb)	Strain ( $\mu\text{E}$ )	Bridge 1 (V)	Bridge 2 (V)
1	0.00	0.00	0.00	0.00
2	1157.98	18.41	0.09	0.09
3	2254.25	37.90	0.18	0.18
4	3063.94	52.50	0.25	0.24
5	3890.99	67.41	0.31	0.31
6	5235.46	90.92	0.42	0.42
7	6053.05	106.14	0.48	0.48
8	7162.53	125.90	0.57	0.57
9	8050.62	142.06	0.64	0.64
10	8954.42	157.97	0.72	0.71
11	9855.62	174.70	0.79	0.79

Bridge 1		Bridge 2	
Force Calibration (lb/V)	12490.46	Force Calibration (lb/V)	12535.76
Offset	3.63	Offset	7.22
Correlation	0.999999	Correlation	0.999998
Strain Calibration ( $\mu\text{E}/\text{V}$ )	224.20	Strain Calibration ( $\mu\text{E}/\text{V}$ )	225.01
Offset	-2.49	Offset	-2.42
Correlation	0.999987	Correlation	0.999988

Force Strain Calibration	
EA (Kips)	55710.96
Offset	142.27
Correlation	0.999990





Force Strain Calibration	EA (Kips)	56041.01
	Offset	60.82
	Correlation	0.999985

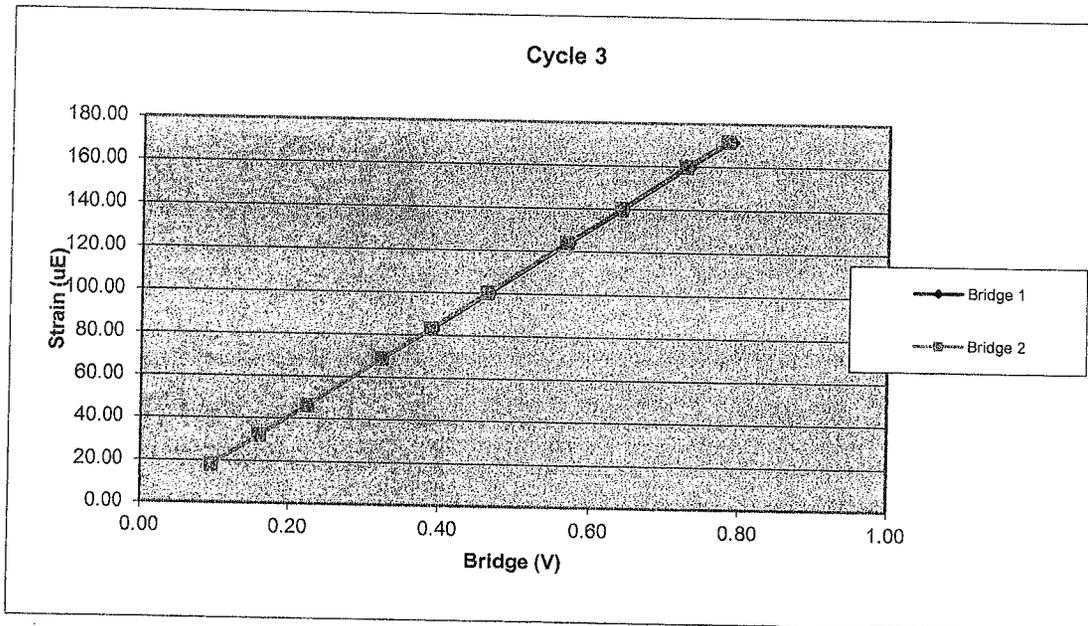
Bridge 1	Force Calibration (lb/V)	12402.64	Offset	0.03	Correlation	0.999999
Bridge 2	Force Calibration (lb/V)	12429.44	Offset	12.64	Correlation	0.999997
	Strain Calibration (µE/V)	221.31	Offset	-1.08	Correlation	0.999984
			Offset	-0.86		

Sample	Force (lb)	Strain (µE)	Bridge 1 (V)	Bridge 2 (V)
1	0.00	0.00	0.00	0.00
2	772.66	13.33	0.16	0.06
3	1967.77	33.70	0.16	0.16
4	2748.05	47.82	0.22	0.22
5	3882.79	67.98	0.31	0.31
6	4688.72	82.53	0.38	0.38
7	5591.37	98.57	0.45	0.45
8	6739.99	119.11	0.54	0.54
9	7907.23	140.16	0.64	0.64
10	8645.28	153.02	0.70	0.69
11	9529.99	169.28	0.77	0.77

687BW		Cycle 3		
Sample	Force (lb)	Strain ( $\mu\text{E}$ )	Bridge 1 (V)	Bridge 2 (V)
1	0.00	0.00	0.00	0.00
2	1181.70	17.60	0.10	0.10
3	1982.81	31.56	0.16	0.16
4	2759.72	45.86	0.22	0.22
5	4015.47	68.21	0.32	0.32
6	4823.33	82.67	0.39	0.39
7	5756.35	99.75	0.47	0.46
8	7058.59	123.39	0.57	0.57
9	7953.52	139.45	0.64	0.64
10	9052.20	159.32	0.73	0.73
11	9736.53	171.07	0.79	0.78

Bridge 1		Bridge 2	
Force Calibration (lb/V)	12396.28	Force Calibration (lb/V)	12483.90
Offset	-10.11	Offset	-17.41
Correlation	0.999996	Correlation	0.999998
Strain Calibration ( $\mu\text{E}/\text{V}$ )	223.23	Strain Calibration ( $\mu\text{E}/\text{V}$ )	224.81
Offset	-4.11	Offset	-4.25
Correlation	0.999979	Correlation	0.999989

Force Strain Calibration	
EA (Kips)	55529.44
Offset	218.41
Correlation	0.999991



Traceable to N.I.S.T.

Pile Dynamics Inc  
30725 Aurora Rd  
Solon, OH 44139

Calibration valid for 2 years

Calibrated by: Sam Bennett  
Date: 3/11/2026

687BW	EA Factor (Kips)	55760.47	Area (in <sup>2</sup> )	1.86
	Bridge 1 ( $\mu E/V$ )	222.91	Bridge 2 ( $\mu E/V$ )	223.87

Bridge Excitation (V) 5  
Shunt Resistor (ohm) 60.4k